

# Exhibit F

UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF TEXAS  
MARSHALL DIVISION

BARCO, INC. and BARCO NV,

Plaintiffs,

v.

YEALINK (USA) NETWORK  
TECHNOLOGY CO., LTD., and  
YEALINK NETWORK  
TECHNOLOGY CO., LTD.

Defendants.

Case No. 2:23-cv-00521-JRG-RSP

**PLAINTIFFS' BARCO, INC. AND BARCO NV'S RESPONSES AND OBJECTIONS TO  
DEFENDANTS' SECOND SET OF INTERROGATORIES (NOS. 9-16)**

Pursuant to Rules 26 and 33 of the Federal Rules of Civil Procedure, Plaintiffs Barco, Inc. and Barco NV (collectively "Barco" or "Plaintiffs") hereby submit their Responses and Objections to Defendants Yealink (USA) Network Technology Co., Ltd. and Yealink Network Technology Co., Ltd. (collectively "Yealink" or "Defendants") Second Set of Interrogatories (Nos. 9-16) ("Interrogatories").

**INTERROGATORIES AND RESPONSES**

**INTERROGATORY NO. 9:**

Identify and describe in detail all facts and circumstances concerning any efforts You have undertaken to investigate or evaluate Your allegations of infringement of the Asserted Patents or Related Patents in this case, including, but not limited to, all tests, trials, reverse engineering, disassembly, or other assessments of any product from Yealink and the date of each.

**RESPONSE TO INTERROGATORY NO. 9:**

Barco objects to this Interrogatory because the definition “Barco” is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from Barco and not under Barco’s control, including entities acting in joint venture, licensing agreements, or partnership relationships. Barco further objects to this Interrogatory as overly broad, unduly burdensome, and not proportional to the needs of this case in that it requests “all” facts and circumstances concerning Barco’s efforts undertaken to investigate or evaluate Yealink’s infringement, including those facts and circumstances not at issue in this case. Barco also objects to this Interrogatory to the extent it prematurely seeks expert disclosure or opinion in advance of the expert discovery deadlines set forth in the Federal Rules of Civil Procedure, the Local Patent Rules, and the Court’s Scheduling Order. Barco further objects to the extent this Interrogatory seeks information protected by the attorney-client privilege, work product doctrine, or any other applicable privilege or immunity. Subject to the above objections, Barco responds as follows:

All efforts Barco has undertaken to investigate or evaluate its allegations of Yealink’s infringement of the Asserted Patents or Related Patents in this case has been done at the direction of counsel and therefore, Barco will not further respond to this Interrogatory as it seeks privileged material.

**INTERROGATORY NO. 10:**

Identify each person responsible for any test, trial, reverse engineering, disassembly, or other assessment, as identified in Barco’s response to Interrogatory No. 9, of any product from Yealink.

**RESPONSE TO INTERROGATORY NO. 10:**

Barco objects to this Interrogatory because the definition “Barco” is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from

Barco and not under Barco's control, including entities acting in joint venture, licensing agreements, or partnership relationships. Barco also objects to this Interrogatory to the extent it prematurely seeks expert disclosure or opinion in advance of the expert discovery deadlines set forth in the Federal Rules of Civil Procedure, the Local Patent Rules, and the Court's Scheduling Order. Finally, Barco objects to this request to the extent it seeks an identification of every individual involved. Subject to the above objections, Barco responds as follows:

Barco identifies Erwin Six as the person responsible for any test, trial, reverse engineering, disassembly, or other assessment, of any Yealink product as identified in Barco's response to Interrogatory No. 9, and he did so at the direction of Barco's Associate General Counsel, Ashley Yeager. Barco reserves the right to further supplement its response to this Interrogatory.

**INTERROGATORY NO. 11:**

Identify the three (3) people who have the most knowledge relating to Barco's sales, costs, profits, and marketing of each of Barco's Products.

**RESPONSE TO INTERROGATORY NO. 11:**

Barco objects to this Interrogatory because the definition "Barco" is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from Barco and not under Barco's control, including entities acting in joint venture, licensing agreements, or partnership relationships.

Subject to the above objections, Barco responds as follows:

Barco identifies Wesley Lightcap as the person who has the most knowledge relating to Barco's sales, costs, profits, and marketing of each of Barco's Products in the United States. Barco reserves the right to further supplement its response to this Interrogatory.

**INTERROGATORY NO. 12:**

State the factual basis for Barco's contention that this is an exceptional case and that Barco is entitled to its attorneys' fees incurred in this action.

**RESPONSE TO INTERROGATORY NO. 12:**

Barco objects to this Interrogatory because the definition "Barco" is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from Barco and not under Barco's control, including entities acting in joint venture, licensing agreements, or partnership relationships.

Subject to the above objections, Barco responds as follows:

This case is exceptional and Barco is entitled to attorneys' fees incurred in this action because Yealink acted in wanton disregard of Barco's patent rights. Prior to filing the complaint in this action, Barco sent a letter to Yealink on May 17, 2023, notifying it that Yealink's A20-020-TEAMS Video Bar and WPP30 Presentation Pod products infringe at least the following Barco patents: US 11,422,951 B2; US 10,795,832 B2; and US 10,762,002 B2. *See* BARCO\_0000001 - BARCO\_0000041. Barco provided claim charts setting forth examples of Yealink's patent infringement with that letter. In August 2023, Barco sent Yealink another letter providing that, in addition to the previously identified patents, Yealink's continued sale of the A20-020-TEAMS Video Bar and WPP30 Presentation Pod also infringed upon Barco's U.S. Patent Nos. 10,904,103 and 11,403,237. *See* BARCO\_0052328. Despite this knowledge, Yealink continued to sell the Accused Products.

Moreover, during the development of the Accused Products, Yealink admitted that it was aware of Barco and Barco's products. Yealink has not provided any discovery into this, despite it being relevant to both Yealink's own discovery request, as well as Barco's claims against Yealink.

Barco reserves its right to supplement upon Yealink's compliance with its discovery obligations.

**INTERROGATORY NO. 13:**

State the factual basis for Barco's contention that it is entitled to an injunction as a result of the alleged patent infringement by Yealink, including identifying, by Bates number, all documents supporting Barco's contention that it is entitled to such injunction.

**RESPONSE TO INTERROGATORY NO. 13:**

Barco objects to this Interrogatory because the definition "Barco" is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from Barco and not under Barco's control, including entities acting in joint venture, licensing agreements, or partnership relationships.

Subject to the above objections, Barco responds as follows:

In connection with Barco's efforts to sell the Barco Products in the market, Barco has policed its patents in the market at a royalty rate sufficient to allow Barco to maintain its market share. Yealink undercuts those prices by selling infringing products, causing Barco to experience price erosion not remediable through money damages. Therefore, an injunction is necessary for Barco to maintain its status quo in the market. Barco further directs Yealink to its license with Crestron (BARCO\_0052309 - BARCO\_0052327) and its sales data and pricing information, including its response to Interrogatory No. 5. Furthermore, pursuant to Rule 33(d), documents will be produced that will contain sufficient information for Yealink to derive or ascertain the information it seeks and the burden of deriving or ascertaining the answer will be substantially the same for either party.

**INTERROGATORY NO. 14:**

If Barco contends that any of Barco's Products have practiced any claim of the Asserted Patents, identify, separately for each asserted claim, each Barco's Products that incorporates or

reflects that particular claim and provide claim charts separately showing how each such Barco's Product practices each asserted claim.

**RESPONSE TO INTERROGATORY NO. 14:**

Barco objects to this Interrogatory because the definition "Barco" is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from Barco and not under Barco's control, including entities acting in joint venture, licensing agreements, or partnership relationships. Subject to the above objections, Barco responds as follows:

Pursuant to Rule 33(d), documents will be produced that will contain sufficient information for Yealink to derive or ascertain the information it seeks and the burden of deriving or ascertaining the answer will be substantially the same for either party. In further response, please see attached Appendices A-F.

**INTERROGATORY NO. 15:**

Describe in detail all facts and circumstances concerning Barco's efforts to comply with 35 U.S.C. § 287(a) by marking each Barco's Products with each Asserted Patent, including whether the marks were placed on each article, or on the packaging thereof, and the dates when Barco first marked each article or package, and, if Barco has ever switched its method of marking (i.e., mark placed on the article to mark placed on the package), the start date and end date for each method of marking for each Asserted Patent.

**RESPONSE TO INTERROGATORY NO. 15:**

Barco objects to this Interrogatory because the definition "Barco" is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from Barco and not under Barco's control, including entities acting in joint venture, licensing agreements, or partnership relationships. Barco objects to this Interrogatory as overly broad, unduly burdensome, and not proportional to the needs of this case in that it requests "all" facts and

circumstances concerning Barco's efforts to comply with 35 U.S.C. § 287(a), including those facts and circumstances not at issue in this case.

Subject to the above objections, Barco responds as follows:

The Asserted Patents were marked on each of Barco's products, or any products sold under Barco's authorization, at least as of October 19, 2023 at <https://www.barco.com/en/about/terms-conditions/patents>. The '103 Patent was marked on certain products via the same website at least as of June 29, 2021. Further, pursuant to Rule 33(d), documents will be produced that will contain sufficient information for Yealink to derive or ascertain the information it seeks and the burden of deriving or ascertaining the answer will be substantially the same for either party. Barco reserves the right to supplement its response to this Interrogatory with Bates numbers following production.

**INTERROGATORY NO. 16:**

For each asserted claim of the Asserted Patents identified by any person at any time as invalid under 35 U.S.C. § 101 or 35 U.S.C. § 112, including in Defendants' Initial Invalidity Contentions and the parties' Joint Claim Construction Statement, fully describe all contentions You have as to why each such claim is not invalid, including describing in detail all factual bases supporting Your contentions and identifying the persons most knowledgeable about, and all documents concerning, the alleged validity of each claim.

**RESPONSE TO INTERROGATORY NO. 16:**

Barco objects to this Interrogatory because the definition "Barco" is overly broad and unduly burdensome to the extent it includes any entity or person that is separate and distinct from Barco and not under Barco's control, including entities acting in joint venture, licensing agreements, or partnership relationships. Barco objects to this Interrogatory as overly broad, unduly burdensome, and not proportional to the needs of this case in that it requests "all" factual bases supporting Barco's contentions and "all" documents concerning the validity of each claim, including those facts and circumstances not at issue in this case. Barco further objects to the extent this Interrogatory seeks information protected by the attorney-client privilege, work product

doctrine, or any other applicable privilege or immunity. Barco further objects to this Interrogatory, which contains at least three subparts, to the extent it exceeds the number of interrogatories permitted under Rule 33 of the Federal Rules of Civil Procedure. Barco also objects to this Interrogatory to the extent it prematurely seeks expert disclosure or opinion in advance of the expert discovery deadlines set forth in the Federal Rules of Civil Procedure, the Local Patent Rules, and the Court's Scheduling Order. Barco also objects to this Interrogatory to the extent to which it calls for legal conclusions. Barco further objects to this Interrogatory to the extent it improperly attempts to shift the burden of proof regarding alleged invalidity from Yealink to Barco.

Subject to the above objections, Barco responds as follows:

The Asserted Patents have issued from the Patent Office and thus are presumed valid in accordance with 35 U.S.C. § 282 and Barco has no burden to provide evidence that any claim is not invalid. Furthermore, the following specifications set forth exemplary disclosures of validity of the '002 Patent and '676 Patent (including at, for example, the '002 Patent at 14:32-46; 18:19-28; 18:29-40; 18:60-61; 18:64-67; 19:10-35; 19:50-20:12; 23:26-24:20; 29:50-51; 30:15-19; 30:20-30; 30:36-31:42; 31:57-58; 32:11-42; 32:57-33:16; Figs. 1a, 3-5, 7-11). To the extent Yealink advances a cognizable invalidity theory, Barco reserves the right to respond to this invalidity theory.

Dated: January 27, 2025

/s/ Erik J. Halverson

Melissa Smith (Texas Bar No. 24001351)

**GILLAM & SMITH, LLP**

303 South Washington Avenue

Marshall, Texas 75670

Telephone: +1 903 934 8450

Facsimile: +1 903 934 9257

melissa@gillamsmithlaw.com

Christopher Centurelli (pro hac vice)

christopher.centurelli@klgates.com

Anna E. L'Hommedieu (pro hac vice)

Anna.lhommedieu@klgates.com  
Joshua N. Andrews (pro hac vice)  
Joshua.Andrews@klgates.com

**K&L GATES LLP**

1 Congress Street, Suite 2900  
Boston, MA 02114-2023  
Telephone: (617) 261-3100

Erik J. Halverson\* (California Bar No. 333492)  
erik.halverson@klgates.com

**K&L GATES LLP**

Four Embarcadero Ctr, Suite 1200  
San Francisco, CA 94111  
Telephone: (415) 882-8238

*\*Admitted to practice before this Court*

*Attorneys for Plaintiffs*

*Barco, Inc. and Barco N.V.*

**CERTIFICATE OF SERVICE**

I hereby certify that on January 27, 2025, a true and correct copy of the above and foregoing document was served via email to counsel for Defendants.

/s/ Erik J. Halverson

Erik J. Halverson

# Appendix A

US Patent No. US 10,762,002 B2

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>1. [pre] A method for connecting a processing device to a communications network, the processing device having a memory, a display and an operating system with pre-installed generic drivers providing a communications protocol for communication between the processing device and a class of peripheral devices, the method comprising:</p>	<p>Clickshare Button provides a process for connecting a processing device (e.g., a laptop computer) to a communications network as set forth in claim 1.</p> <p>Clickshare Button connects the processing device to a communications network.</p> <div data-bbox="739 414 1030 454"> <p><b>What is ClickShare?</b></p> </div> <div data-bbox="739 478 1344 590"> <p>ClickShare is an <u>award-winning wireless meeting room system</u> for easy video conferencing, collaboration and presentation. It connects your laptop to the audio and video equipment of your conference room, so you can start your meeting in under 7 seconds with one click via the ClickShare Button or App.</p> </div> <div data-bbox="739 598 1344 694"> <p>ClickShare comes in three ranges: <u>wireless conferencing</u> solutions for effortless hybrid collaboration, <u>all-in-one video bars</u> for sharp views and clear audio in hybrid meetings, and <u>wireless presentation</u> solutions for content sharing in face-to-face meetings.</p> </div> <div data-bbox="739 798 1187 845"> <p><a href="#">Start a free trial</a> <a href="#">Discover ClickShare Conference</a></p> </div> <div data-bbox="739 877 851 917"> <p><b>Figure 1'</b></p> </div> <div data-bbox="627 949 1523 981"> <p><a href="https://www.barco.com/en/products/clickshare-conferencing-collaboration">https://www.barco.com/en/products/clickshare-conferencing-collaboration</a></p> </div> <div data-bbox="627 1013 1713 1053"> <p>Clickshare Button provides network connectivity through a wireless transmission protocol:</p> </div> <div data-bbox="1456 510 1859 734"> </div>


<sup>1</sup> Annotations have been added to various figures in red to specifically identify certain portions of the figure.

US Patent No. US 10,762,002 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement										
	<table><tr><td colspan="2"><b>General specifications</b></td></tr><tr><td>Connectors</td><td>USB-C type</td></tr><tr><td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr><tr><td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr><tr><td>Frequency band</td><td>2.4 GHZ and 5 GHz</td></tr></table> <p><b>Figure 2</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>The processing device includes a memory, display, and operating systems with pre-installed generic drivers.</p> <p>The processing device communicates with a class of peripheral devices (e.g., USB devices). USB devices are a standard class of peripheral devices that are driven by pre-installed generic drivers. USB provides a generic communication protocol for communication between the processing device and a class of peripherals.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	<b>General specifications</b>		Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
<b>General specifications</b>											
Connectors	USB-C type										
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode										
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac										
Frequency band	2.4 GHZ and 5 GHz										

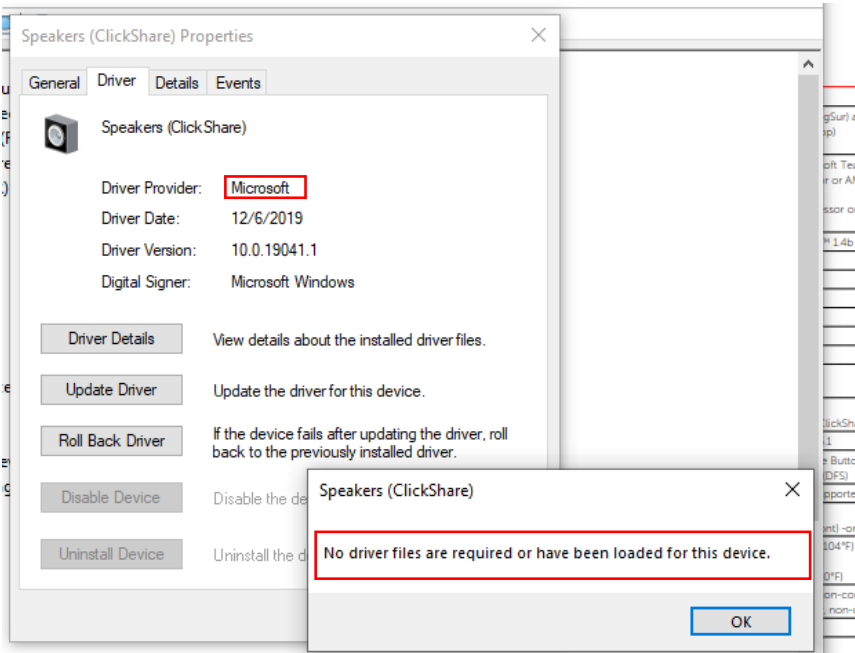
**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>[a1] a) coupling an external peripheral device physically to a port of the processing device,</p>	<p>Clickshare Button includes an external peripheral device that is coupled to a port of the processing device. For example, Clickshare Button includes a USB interface which plugs into a laptop:</p>  <p><b>Plug in and go with the ClickShare Button</b></p> <p>With the ClickShare Button you start your wireless video meeting or share content on the meeting room display. Plug the USB-C device into your laptop and within seconds, you are automatically connected to the meeting room equipment. Even guests can join this way!</p> <p><b>Figure 3</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

**Product: Barco Clickshare**


Claim	Exemplary Evidence of Infringement								
<p>... [a2] wherein the peripheral device comprises a wireless transceiver and a connector, said connector configured to couple to the port of the processing device;</p> <p>...</p>	<p>Clickshare Button includes a wireless transceiver and a connector configured to couple to the port of the processing device:</p> <div data-bbox="734 347 1910 651"> <p><b>General specifications</b></p> <table> <tr> <td>Connectors</td><td>USB-C type</td></tr> <tr> <td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr> <tr> <td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr> <tr> <td>Frequency band</td><td>2.4 GHZ and 5 GHz</td></tr> </table> </div> <p><b>Figure 4</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Clickshare Button includes a wireless transceiver with Wi-Fi capabilities.</p> <p>Clickshare Button includes a connector (e.g., USB interface).</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
Connectors	USB-C type								
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode								
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac								
Frequency band	2.4 GHZ and 5 GHz								

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>[b1] b) setting up, by means of a first pre-installed generic audio driver of the operating system, a means for audio communication between the peripheral device and the processing device and</p>	<p>The processing device includes a first pre-installed generic audio driver of the operating system, a means for audio communication between the peripheral device Clickshare Button and the processing device.</p> <p>The Clickshare Button utilizes the USB audio drivers on the processing device. The audio related devices are set up by means of pre-installed generic drivers. The driver provider is also the provider of the operating system, Microsoft (e.g., as shown in Figure 5 below):</p>  <p><b>Figure 5</b></p> <p>The pre-installed generic drivers are a means for audio communication between Clickshare Button and the processing device.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

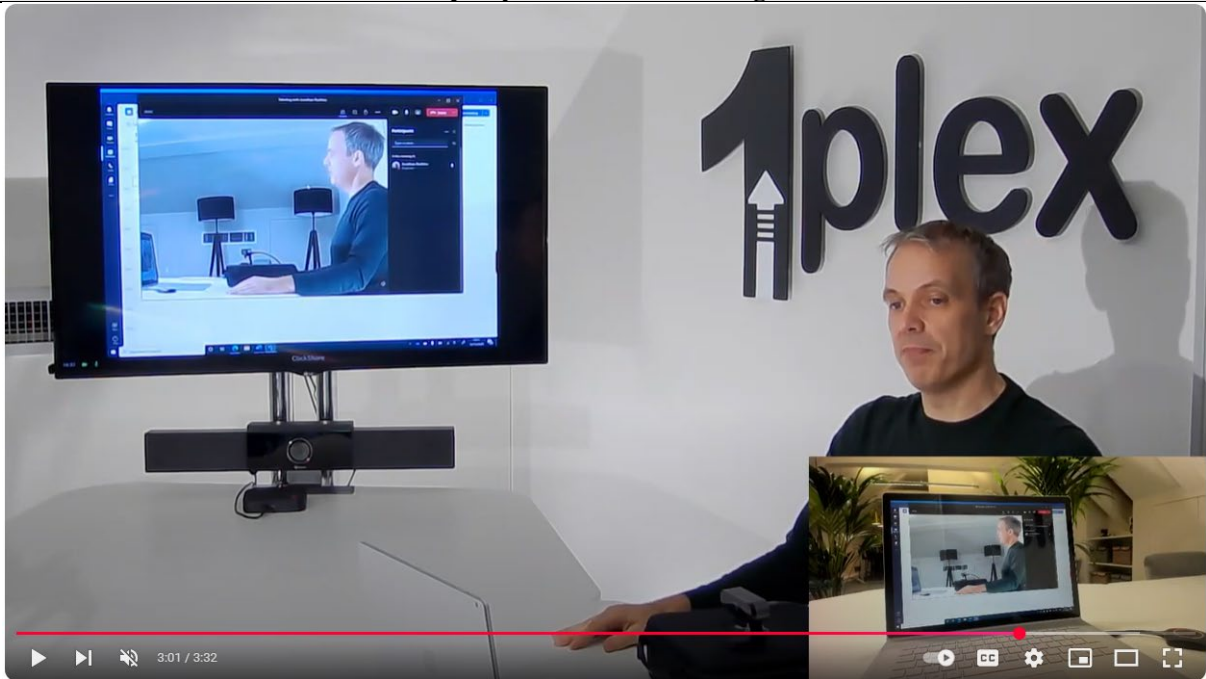
US Patent No. US 10,762,002 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
<p>[b2] by means of a second preinstalled generic driver of the operating system, a means for data communication between the peripheral device and the processing device;</p>	<p>Processing device includes a second pre-installed generic driver of the operating system, as a means for data communication between peripheral device Clickshare Button and the processing device.</p> <p>Clickshare Button is used to perform wireless presentation and video conferencing which includes communicating video data:</p>  <p><b>Figure 7</b></p> <p><a href="https://www.barco.com/en/products/clickshare-conferencing-collaboration/video-bar-wireless-conferencing">https://www.barco.com/en/products/clickshare-conferencing-collaboration/video-bar-wireless-conferencing</a></p> <p>An example use of the Clickshare Button is provided here:</p>

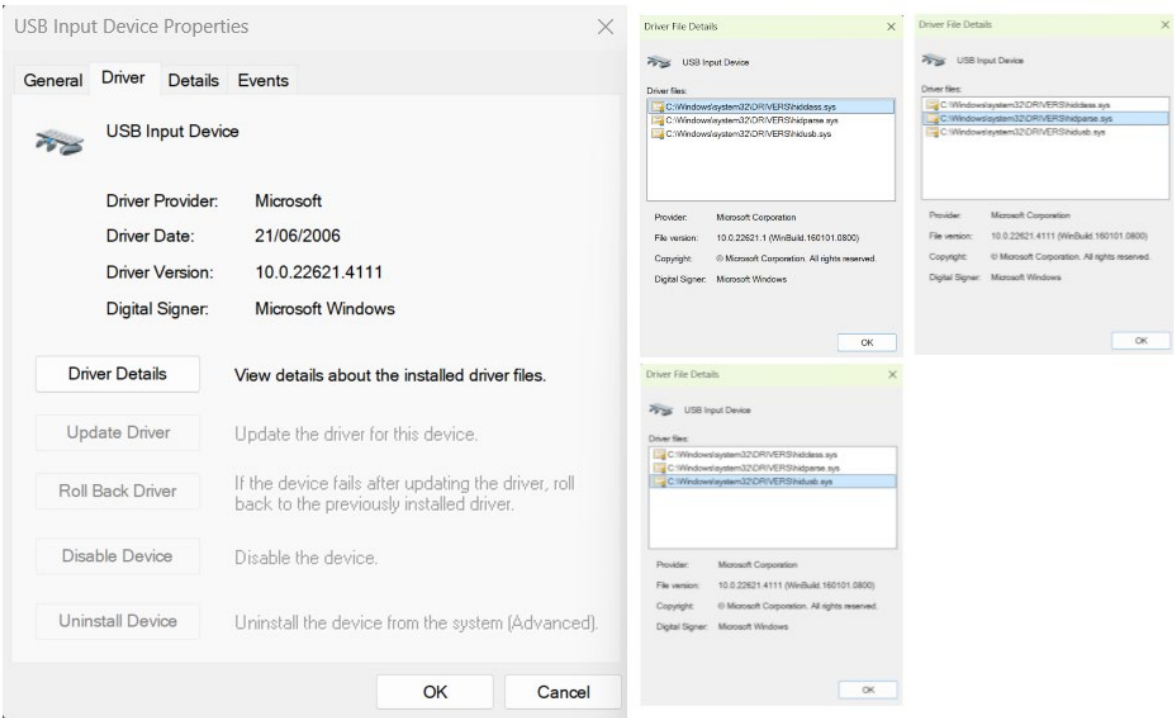
US Patent No. US 10,762,002 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
	<div data-bbox="734 244 1935 925"></div> <p data-bbox="734 925 840 957"><b>Figure 8</b></p> <p data-bbox="638 989 1243 1029"><a href="https://www.youtube.com/watch?v=qQmwrcf56ZE">https://www.youtube.com/watch?v=qQmwrcf56ZE</a></p> <p data-bbox="638 1061 2054 1165">Video data requires a second preinstalled generic driver for data communication between the peripheral device and the processing device. Video data is screenscraped on the processing device and utilizes the HID driver to pass the video data to the peripheral device.</p> <p data-bbox="638 1197 2054 1300">The HID driver uses a second preinstalled generic driver as a means for data communication between the peripheral device and the processing device. The driver provider for this HID data communication is also the provider of the operating system, Microsoft (e.g., as shown in Figure Y below):</p>

US Patent No. US 10,762,002 B2

Product: Barco Clickshare

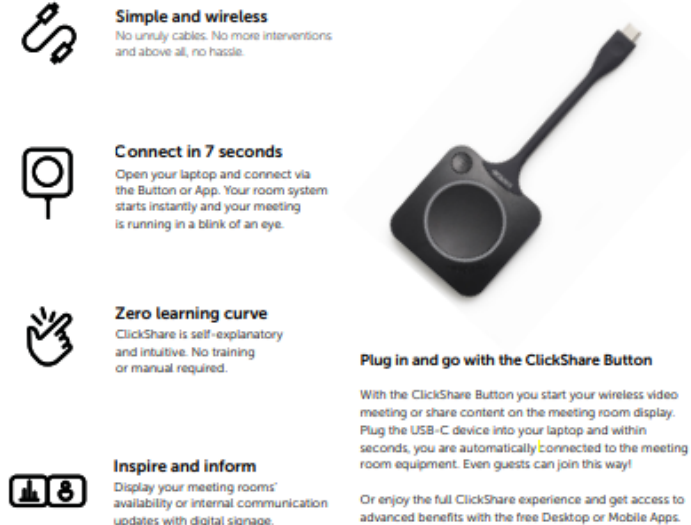
Claim	Exemplary Evidence of Infringement
	<div><p>The figure displays three overlapping Windows system windows. The largest window in the background is the 'USB Input Device Properties' dialog, with the 'Driver' tab selected. It shows the driver provider as 'Microsoft', the date as '21/06/2006', the version as '10.0.22621.4111', and the digital signer as 'Microsoft Windows'. Below this information are buttons for 'Driver Details', 'Update Driver', 'Roll Back Driver', 'Disable Device', and 'Uninstall Device'. Overlaid on the right side of this window are two smaller 'Driver File Details' windows. Both of these smaller windows show a list of driver files: 'C:\Windows\system32\DRIVERS\hidbase.sys', 'C:\Windows\system32\DRIVERS\hidparse.sys', and 'C:\Windows\system32\DRIVERS\hidusb.sys'. They also display the same provider, version, and digital signer information as the main window.</p></div> <p><b>Figure 9</b></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement										
<p>[c] c) using the peripheral device to connect the processing device to a communications network via the wireless transceiver;</p>	<p>Clickshare Button is configured to connect the processing device to a communications network via a wireless transceiver. Clickshare Button connects a processing device to a communications network. Clickshare Button has a wireless transceiver with 802.11 a/b/g/n/ac/ax capabilities, as shown below:</p> <table border="1" data-bbox="757 384 1910 683"> <thead> <tr> <th colspan="2" data-bbox="757 384 1070 418">General specifications</th></tr> </thead> <tbody> <tr> <td data-bbox="757 443 898 472">Connectors</td><td data-bbox="1368 443 1480 472">USB-C type</td></tr> <tr> <td data-bbox="757 499 994 528">Authentication protocol</td><td data-bbox="1368 499 1883 560">WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr> <tr> <td data-bbox="757 587 1059 616">Wireless transmission protocol</td><td data-bbox="1368 587 1581 616">IEEE 802.11 a/b/g/n/ac</td></tr> <tr> <td data-bbox="757 643 920 671">Frequency band</td><td data-bbox="1368 643 1547 671">2.4 GHZ and 5 GHz</td></tr> </tbody> </table> <p data-bbox="734 708 853 737"><b>Figure 10</b></p> <p data-bbox="638 778 1420 807"><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p data-bbox="638 847 1458 876">Barco reserves its rights to supplement the evidence submitted herein.</p>	General specifications		Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
General specifications											
Connectors	USB-C type										
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode										
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac										
Frequency band	2.4 GHZ and 5 GHz										
<p>[d] d) routing audio data from the processing device to the wireless transceiver via the connector of the peripheral device and the means for audio communication and routing the audio data from the wireless transceiver of the peripheral device to a base node over the communications network, wherein the first pre-installed generic audio driver is used for transferring the audio data between the processing device and the peripheral device.</p>	<p>Clickshare Button is configured to route audio data from the Clickshare Button transceiver via the connector and means for audio communication. When Clickshare Button is connected to the processing device, the audio is routed via the means for audio communication to Clickshare Button via the connector.</p> <p>Clickshare Button routes audio data to a Clickshare Conference, Clickshare Video Bar, or Clickshare Present (“Clickshare Room System”), over the communications network. For example, Clickshare connects to the to the room system without additional configuration:</p>										

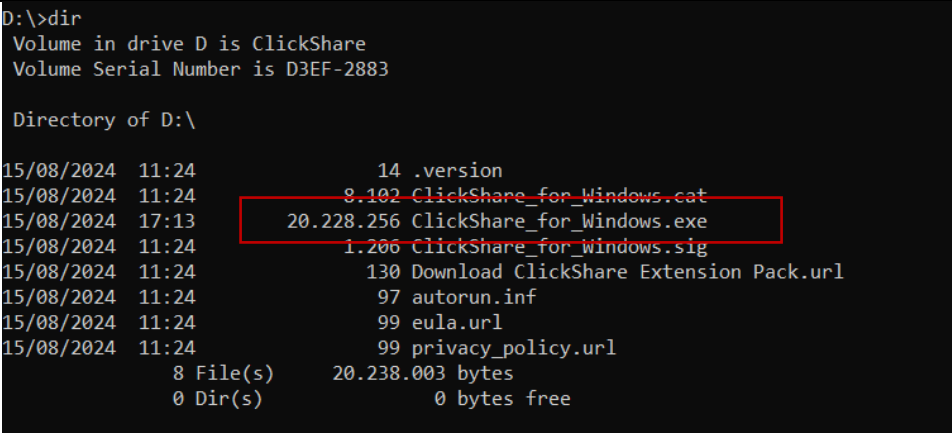
US Patent No. US 10,762,002 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
	 <p><b>Figure 11</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>5. The method of claim 1, wherein a client application is stored on the peripheral device which when run on the processing device obtains screen scraped data.</p>	<p>Clickshare Button includes a client application configured to run on the processing device to obtain screen scraped data. For example, Clickshare Button includes an executable program that is available on the Clickshare Button storage drive. See, <a href="https://www.barco.com/en/support/knowledge-base/4381-do-i-need-to-install-any-software-or-an-app-on-my-pc-or-mac-to-use-clickshare">https://www.barco.com/en/support/knowledge-base/4381-do-i-need-to-install-any-software-or-an-app-on-my-pc-or-mac-to-use-clickshare</a>.</p> <p>After running the executable program, the Clickshare Button allows presentation of the screen of the host processing device. See <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>.</p> <p>The executable program is run as shown below:</p>

US Patent No. US 10,762,002 B2



Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
	<div><p>D:\&gt;dir Volume in drive D is ClickShare Volume Serial Number is D3EF-2883  Directory of D:\  15/08/2024 11:24 14 .version 15/08/2024 11:24 8.102 ClickShare_for_Windows.cat 15/08/2024 17:13 20.228.256 ClickShare_for_Windows.exe 15/08/2024 11:24 1.206 ClickShare_for_Windows.sig 15/08/2024 11:24 130 Download ClickShare Extension Pack.url 15/08/2024 11:24 97 autorun.inf 15/08/2024 11:24 99 eula.url 15/08/2024 11:24 99 privacy_policy.url 8 File(s) 20.238.003 bytes 0 Dir(s) 0 bytes free</p></div> <p><b>Figure 12</b></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

# Appendix B


US Patent No. US 10,795,832 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
1. A peripheral device comprising: [a] a base,	<p>Clickshare Button is a peripheral device that includes a base:</p>  <p><b>Figure 1<sup>1</sup></b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
[b] connector configured to connect to a serial plug and play port of a host processing device,	<p>Clickshare Button includes a connector configured to connect to a serial plug and play port of a host processing device (e.g. a laptop computer) (e.g. as shown in Figure 3 below):</p>  <p><b>Figure 2</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p>

<sup>1</sup> Annotations have been added to various figures in red to specifically identify certain portions of the figure.

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement								
	<p>Further, the connector includes a USB interface which is a serial plug and play port (e.g. as shown in Figure 4 below):</p> <p><b>General specifications</b></p> <table border="1"> <tr> <td>Connectors</td><td>USB-C type</td></tr> <tr> <td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr> <tr> <td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr> <tr> <td>Frequency band</td><td>2.4 GHZ and 5 GHz</td></tr> </table> <p><b>Figure 3</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
Connectors	USB-C type								
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode								
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac								
Frequency band	2.4 GHZ and 5 GHz								
<p>[c] a flexible connection between the base and the connector configured to transfer data signals and power, and,</p>	<p>Clickshare Button includes a flexible connection that connects the base and the connector (e.g. as shown in Figure 5 below):</p>  <p><b>Figure 4</b></p>								

**Product: Barco Clickshare**

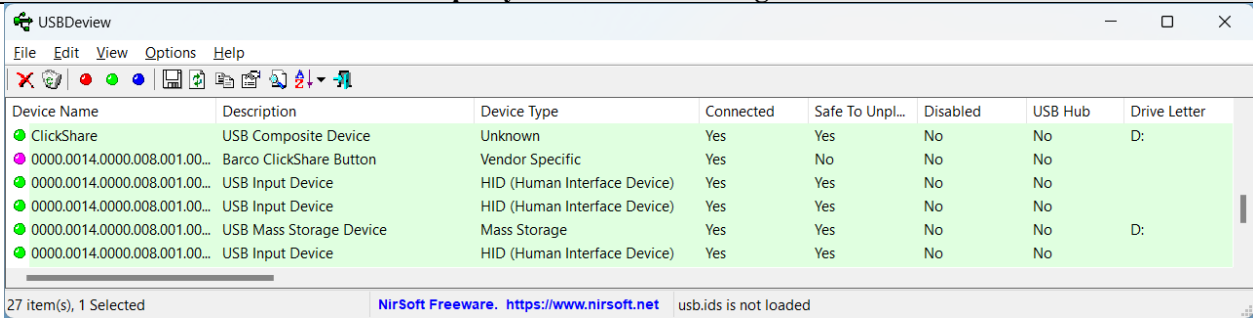
Claim	Exemplary Evidence of Infringement						
	<p data-bbox="638 248 1384 277"><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p data-bbox="638 316 1352 344">The flexible connector of Clickshare Button transfers power:</p> <div data-bbox="763 395 1142 421"> <p><b>ClickShare Base Unit dimensions</b></p> <table data-bbox="763 432 1727 639"> <tr> <td data-bbox="763 432 1256 475">Dimensions (HxWxD)</td><td data-bbox="1256 432 1727 475">14.6 mm x 59.3 mm x 161.39 mm / 0.57" x 2.354" x 6.354"</td></tr> <tr> <td data-bbox="763 475 1256 592">Power consumption</td><td data-bbox="1256 475 1727 592">           Powered over USB            5V DC            350mA Typical            500mA Maximum         </td></tr> <tr> <td data-bbox="763 592 1256 639">Weight</td><td data-bbox="1256 592 1727 639">60 gr - 0.132 lb</td></tr> </table> </div> <p data-bbox="730 687 842 716"><b>Figure 5</b></p> <p data-bbox="638 754 1422 783"><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p data-bbox="638 821 1836 850">The flexible connection also allows ClickShare Button to transfer signals used in the room equipment:</p> <div data-bbox="775 938 1615 1094"> <p>With the ClickShare Button you can start your wireless video meeting or share content on the meeting room display. Plug the USB-C device into your laptop and within seconds, you are automatically connected to the meeting room display, camera, microphones, soundbars and any other AV peripheral. No cables, no mess.</p> </div> <p data-bbox="730 1134 842 1163"><b>Figure 6</b></p> <p data-bbox="638 1201 1422 1230"><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p data-bbox="638 1268 1458 1297">Barco reserves its rights to supplement the evidence submitted herein.</p>	Dimensions (HxWxD)	14.6 mm x 59.3 mm x 161.39 mm / 0.57" x 2.354" x 6.354"	Power consumption	Powered over USB 5V DC 350mA Typical 500mA Maximum	Weight	60 gr - 0.132 lb
Dimensions (HxWxD)	14.6 mm x 59.3 mm x 161.39 mm / 0.57" x 2.354" x 6.354"						
Power consumption	Powered over USB 5V DC 350mA Typical 500mA Maximum						
Weight	60 gr - 0.132 lb						

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement								
<p>[d] wherein the base has electronics comprising a wireless transceiver and a processing engine, wherein said wireless transceiver and the processing engine are configured to connect the peripheral device directly to a wireless communications network, and</p>	<p>Clickshare Button includes a wireless transceiver and processing engine that are configured to connect Clickshare Button directly to a wireless communications network. For example, Clickshare Button can communicate via the IEEE 802.11 a/b/g/n/ac protocol:</p> <div data-bbox="739 379 1915 683"> <p><b>General specifications</b></p> <table> <tr> <td>Connectors</td><td>USB-C type</td></tr> <tr> <td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr> <tr> <td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr> <tr> <td>Frequency band</td><td>2.4 GHz and 5 GHz</td></tr> </table> </div> <p><b>Figure 7</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHz and 5 GHz
Connectors	USB-C type								
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode								
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac								
Frequency band	2.4 GHz and 5 GHz								
<p>[e] a physical actuator on the base being configured to actuate a signal and to transfer the signal to the connector to transfer to the serial plug and play port via at least one pre-installed generic driver for the port,</p>	<p>Clickshare Button includes a physical actuator that allows transfer of a signal from the Clickshare Button to the serial plug and play port via at least one pre-installed generic driver.</p> <p>For example, pressing a button allows communication of data for presentation of a processing device's screen (See, <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>)</p> <p>Clickshare utilizes a number of devices with associated pre-installed generic drivers:</p>								

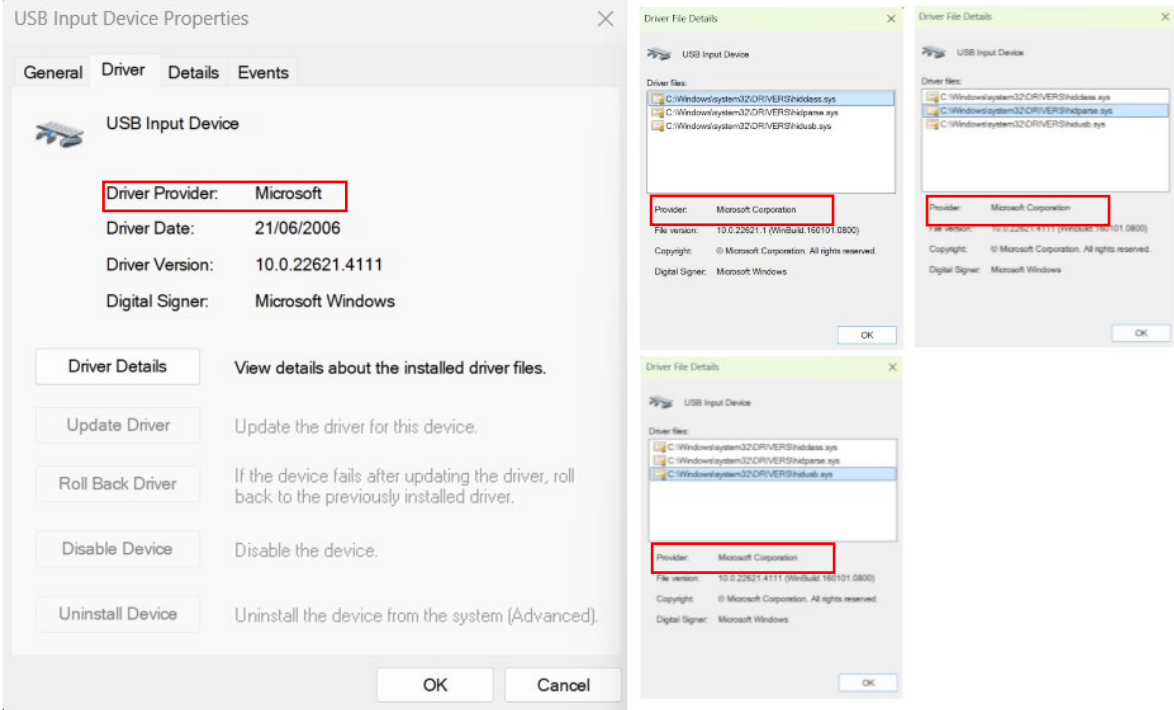
US Patent No. US 10,795,832 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement																																																								
	<div><table><tr><th>Device Name</th><th>Description</th><th>Device Type</th><th>Connected</th><th>Safe To Unpl...</th><th>Disabled</th><th>USB Hub</th><th>Drive Letter</th></tr><tr><td>ClickShare</td><td>USB Composite Device</td><td>Unknown</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td>D:</td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>Barco ClickShare Button</td><td>Vendor Specific</td><td>Yes</td><td>No</td><td>No</td><td>No</td><td></td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Input Device</td><td>HID (Human Interface Device)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td></td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Input Device</td><td>HID (Human Interface Device)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td></td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Mass Storage Device</td><td>Mass Storage</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td>D:</td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Input Device</td><td>HID (Human Interface Device)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td></td></tr></table></div> <p>27 item(s), 1 Selected      NirSoft Freeware. <a href="https://www.nirsoft.net">https://www.nirsoft.net</a>      usb.ids is not loaded</p>	Device Name	Description	Device Type	Connected	Safe To Unpl...	Disabled	USB Hub	Drive Letter	ClickShare	USB Composite Device	Unknown	Yes	Yes	No	No	D:	0000.0014.0000.008.001.00...	Barco ClickShare Button	Vendor Specific	Yes	No	No	No		0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No		0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No		0000.0014.0000.008.001.00...	USB Mass Storage Device	Mass Storage	Yes	Yes	No	No	D:	0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No	
Device Name	Description	Device Type	Connected	Safe To Unpl...	Disabled	USB Hub	Drive Letter																																																		
ClickShare	USB Composite Device	Unknown	Yes	Yes	No	No	D:																																																		
0000.0014.0000.008.001.00...	Barco ClickShare Button	Vendor Specific	Yes	No	No	No																																																			
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No																																																			
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No																																																			
0000.0014.0000.008.001.00...	USB Mass Storage Device	Mass Storage	Yes	Yes	No	No	D:																																																		
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No																																																			
	<p><b>Figure 8</b></p> <p>One device with associated preinstalled generic drivers is a human interface device (HID). A HID uses the USB Input Device driver. As shown below, the USB Input Device driver is a preinstalled generic driver because the driver provider is also the provider of the operating system, Microsoft:</p>																																																								

US Patent No. US 10,795,832 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
	 <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[f] and the serial plug and play port is configured to receive thereafter image data displayed on the host processing device,</p>	<p>Clickshare Button is configured to receive thereafter image data on the host processing device. (See, <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>).</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>



**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>[g] wherein the physical actuator is configured to be activated by a user action applied to the physical actuator which triggers delivery of the image data from the host processing device via the serial plug and play port to the wireless transceiver, and from the wireless transceiver to the wireless communications network.</p>	<p>Clickshare Button is configured to trigger image data from the host processing device when a user action is applied to the physical actuator. See, <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>3. The peripheral device according to claim 1, wherein the physical actuator has a shape which is one of round, oval, or polygonal.</p>	<p>Clickshare Button includes a physical actuator with a round shape:</p> <div data-bbox="743 632 987 890" data-label="Image"> </div> <p><b>Figure 9</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

# Appendix C

C-1; US Patent No. US 10,904,103 B2


**Product: Barco ClickShare**

Claim	Exemplary Evidence of Infringement
<p>1. A computer peripheral device comprising: [a] a base,</p>	<p>Clickshare Button is a peripheral device that includes a base:</p>  <p><b>Figure 1<sup>1</sup></b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[b] a connector for connection to a serial plug and play port of a host processing device</p>	<p>Clickshare Button includes a connector configured to connect to a serial plug and play port of a host processing device (e.g. a laptop computer):</p>  <p><b>Figure 2</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

<sup>1</sup> Annotations have been added to various figures in red to specifically identify certain portions of the figure.

C-1; US Patent No. US 10,904,103 B2

**Product: Barco ClickShare**

Claim	Exemplary Evidence of Infringement
<p>[c] a flexible connection between the base and the connector,</p>	<p>Clickshare Button includes a flexible connection that connects the base and the connector (e.g. as shown in Figure 5 below):</p> <div data-bbox="734 344 1330 619">A photograph showing a person's hand pressing a black, square ClickShare button. The button has a red circular ring around the top surface. A thin, black, flexible cable connects the button to a laptop, which is partially visible in the background. The setup is on a light-colored wooden desk.</div> <p><b>Figure 3</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

C-1; US Patent No. US 10,904,103 B2

Product: Barco ClickShare

Claim	Exemplary Evidence of Infringement										
[d] a transceiver for communicating with a communications network,	<p>Clickshare Button includes a wireless transceiver configured to connect Clickshare Button directly to a communications network.</p> <p>For example, Clickshare Button can communicate via the IEEE 802.11 a/b/g/n/ac protocol:</p> <table><tr><td colspan="2"><b>General specifications</b></td></tr><tr><td>Connectors</td><td>USB-C type</td></tr><tr><td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr><tr><td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr><tr><td>Frequency band</td><td>2.4 GHZ and 5 GHz</td></tr></table> <p><b>Figure 4</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	<b>General specifications</b>		Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
<b>General specifications</b>											
Connectors	USB-C type										
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode										
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac										
Frequency band	2.4 GHZ and 5 GHz										

**C-1; US Patent No. US 10,904,103 B2**

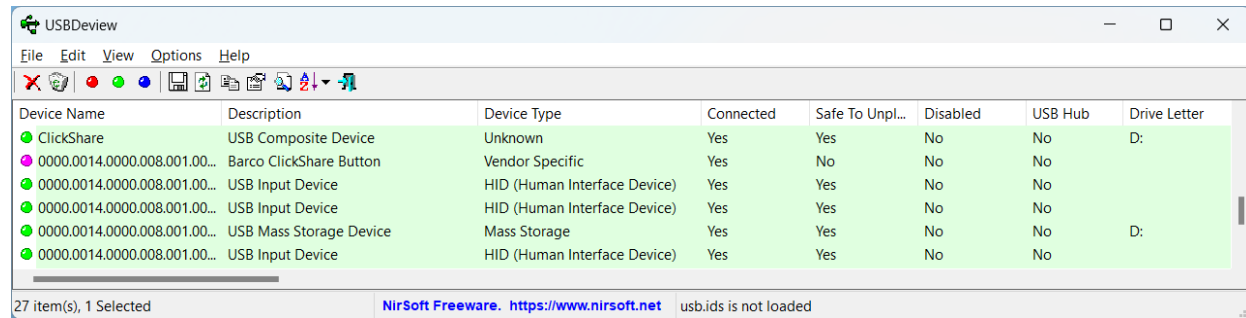
**Product: Barco ClickShare**

[e] a physical actuator on the base configured to allow user action to actuate the physical actuator to trigger transfer of a signal to the connector to transfer to the serial plug and play port via at least one pre-installed generic driver for the serial plug and play port, and

Clickshare Button includes a physical actuator that allows transfer of a signal from the Clickshare Button to the serial plug and play port via at least one pre-installed generic driver.

For example, pressing a button allows communication of data for presentation of a processing device's screen (See, <https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage>)

Clickshare utilizes a number of devices with associated pre-installed generic drivers as shown below:



Device Name	Description	Device Type	Connected	Safe To Unpl...	Disabled	USB Hub	Drive Letter
ClickShare	USB Composite Device	Unknown	Yes	Yes	No	No	D:
0000.0014.0000.008.001.00...	Barco ClickShare Button	Vendor Specific	Yes	No	No	No	
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No	
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No	
0000.0014.0000.008.001.00...	USB Mass Storage Device	Mass Storage	Yes	Yes	No	No	D:
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No	

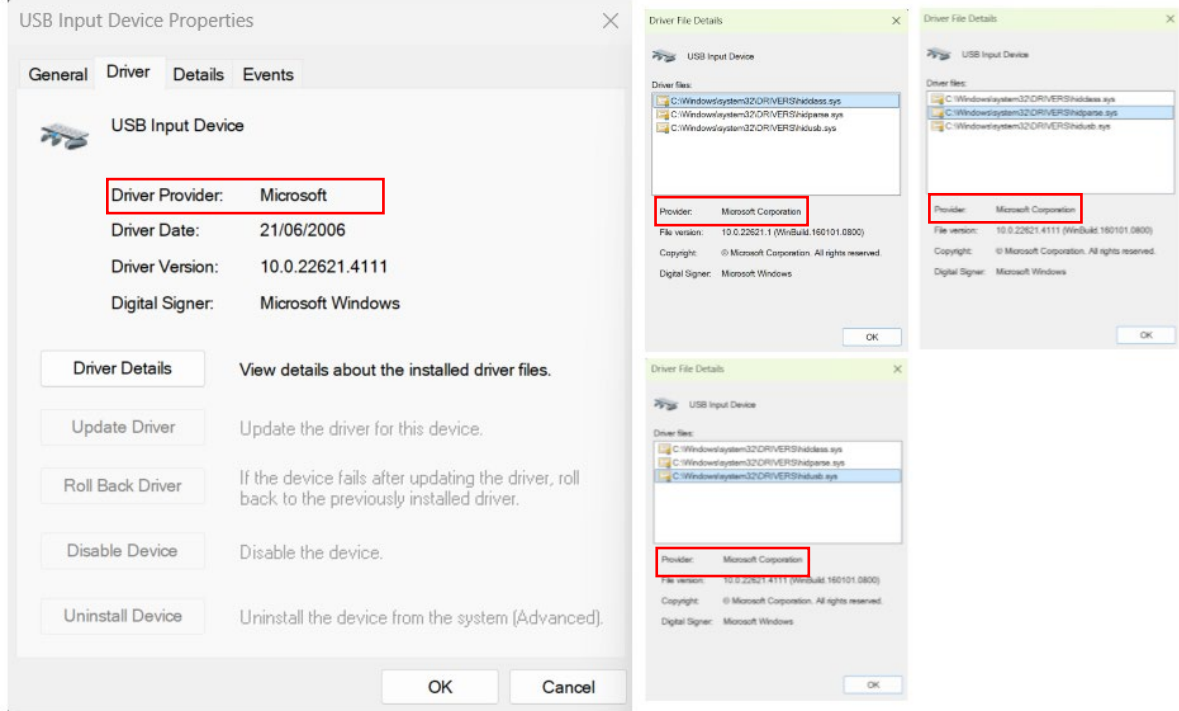
27 item(s), 1 Selected    NirSoft Freeware. <https://www.nirsoft.net>    usb.ids is not loaded

**Figure 5**

The devices used by Clickshare use pre-installed generic drivers, as the operating system provider also provides the driver, Microsoft:

C-1; US Patent No. US 10,904,103 B2

Product: Barco ClickShare

Claim	Exemplary Evidence of Infringement
	 <p><b>Figure 6</b></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[f] the serial plug and play port being configured to receive arbitrary media content on the host processing device,</p>	<p>The serial plug and play port is configured to receive arbitrary media content from the host processing device. For example, the Clickshare Button is receives image content form the host processing device via the plug and play port which is then is used for wireless presenting. See, <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

C-1; US Patent No. US 10,904,103 B2

Product: Barco ClickShare

Claim	Exemplary Evidence of Infringement
[g] wherein the base has a visual indicator which is also activated by the user action applied to the physical actuator,	<p>Clickshare Button's base includes a visual indicator which is also activated by the user action. A variety of the visual indicator states are described provided here: <a href="https://www.barco.com/en/support/knowledge-base/4022-button-led-ring-behavior-and-explanation">https://www.barco.com/en/support/knowledge-base/4022-button-led-ring-behavior-and-explanation</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
[h] wherein the physical actuator is configured to be activated by the user action applied to the physical actuator to trigger delivery of the arbitrary media content on the host processing device to said transceiver on the computer peripheral device through said serial plug and play port, and from the transceiver to the communications network,	<p>Clickshare Button is configured to trigger image data from the host processing device when a user action is applied to the physical actuator. See, <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

C-1; US Patent No. US 10,904,103 B2

Product: Barco ClickShare

Claim	Exemplary Evidence of Infringement																		
<p>[i] wherein the visual indicator is configured in a way such that the user action by actuating the physical actuator indicates to the user whether or not the arbitrary media content is being sent from the at least one peripheral device to the communications network.</p>	<p>Clickshare Button's base includes a visual indicator is configured in such a way that indicates to the user whether or not arbitrary media content is being sent from the at least one peripheral device to the communications network.</p> <div data-bbox="734 344 1767 893"> <p style="text-align: center;"><b>CX-20/30/50 (Gen1 and Gen2), C-5/10 (Gen1 and Gen2) and CB Core/Pro</b></p> <table> <thead> <tr> <th>LEDs behavior</th><th>Explanation</th></tr> </thead> <tbody> <tr> <td>white fill</td><td> <ul style="list-style-type: none"> <li>setting up the connection</li> </ul> </td></tr> <tr> <td>strady white</td><td> <ul style="list-style-type: none"> <li>connected and ready to be used</li> </ul> </td></tr> <tr> <td>blinking white</td><td> <ul style="list-style-type: none"> <li>unable to connect</li> </ul> </td></tr> <tr> <td>fast white spinning</td><td> <ul style="list-style-type: none"> <li>device (Button) is busy</li> <li>device (Button) is processing i.e. Button is trying to establish connection with the Base Unit</li> </ul> <p><i>For troubleshooting white light spinning issue, see <a href="#">KB 5431</a></i></p> </td></tr> <tr> <td>purple<sup>1</sup></td><td> <ul style="list-style-type: none"> <li>Hostflow without sharing i.e. ClickShare is sharing remote participants with the display</li> </ul> </td></tr> <tr> <td>Static purple - red</td><td> <ul style="list-style-type: none"> <li>Hostflow with sharing i.e. ClickShare is sharing remote participants and content with the display</li> </ul> </td></tr> <tr> <td>steady red</td><td> <ul style="list-style-type: none"> <li>sharing i.e. ClickShare is sharing your screen with the display</li> </ul> </td></tr> <tr> <td>blinking red</td><td> <ul style="list-style-type: none"> <li>an error occurred.</li> </ul> <p>Please re-pair the Button with the Base Unit (<i>how to: see <a href="#">KB 5924</a></i>) If this does not help please contact Barco support (<i>how-to, see <a href="#">KB 6024</a></i>).</p> </td></tr> </tbody> </table> </div> <p><b>Figure 7</b>  <a href="https://www.barco.com/en/support/knowledge-base/4022-button-led-ring-behavior-and-explanation">https://www.barco.com/en/support/knowledge-base/4022-button-led-ring-behavior-and-explanation</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	LEDs behavior	Explanation	white fill	<ul style="list-style-type: none"> <li>setting up the connection</li> </ul>	strady white	<ul style="list-style-type: none"> <li>connected and ready to be used</li> </ul>	blinking white	<ul style="list-style-type: none"> <li>unable to connect</li> </ul>	fast white spinning	<ul style="list-style-type: none"> <li>device (Button) is busy</li> <li>device (Button) is processing i.e. Button is trying to establish connection with the Base Unit</li> </ul> <p><i>For troubleshooting white light spinning issue, see <a href="#">KB 5431</a></i></p>	purple <sup>1</sup>	<ul style="list-style-type: none"> <li>Hostflow without sharing i.e. ClickShare is sharing remote participants with the display</li> </ul>	Static purple - red	<ul style="list-style-type: none"> <li>Hostflow with sharing i.e. ClickShare is sharing remote participants and content with the display</li> </ul>	steady red	<ul style="list-style-type: none"> <li>sharing i.e. ClickShare is sharing your screen with the display</li> </ul>	blinking red	<ul style="list-style-type: none"> <li>an error occurred.</li> </ul> <p>Please re-pair the Button with the Base Unit (<i>how to: see <a href="#">KB 5924</a></i>) If this does not help please contact Barco support (<i>how-to, see <a href="#">KB 6024</a></i>).</p>
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C-1; US Patent No. US 10,904,103 B2

Product: Barco ClickShare

Claim	Exemplary Evidence of Infringement						
<p>2. The computer peripheral device of claim 1, wherein the flexible connection is for transferring data signals and power.</p>	<p>The flexible connector of Clickshare Button transfer's power:</p> <div data-bbox="757 325 1727 571"> <p><b>ClickShare Base Unit dimensions</b></p> <table> <tr> <td>Dimensions (HxWxD)</td><td>14.6 mm x 59.3 mm x 161.39 mm / 0.57" x 2.354" x 6.354"</td></tr> <tr> <td>Power consumption</td><td>Powered over USB 5V DC 350mA Typical 500mA Maximum</td></tr> <tr> <td>Weight</td><td>60 gr - 0.132 lb</td></tr> </table> </div> <p><b>Figure 8</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>The flexible connection also allows ClickShare Button to transfer signals used in the room equipment:</p> <div data-bbox="770 833 1615 994"> <p>With the ClickShare Button you can start your wireless video meeting or share content on the meeting room display. Plug the USB-C device into your laptop and within seconds, you are automatically connected to the meeting room display, camera, microphones, soundbars and any other AV peripheral. No cables, no mess.</p> </div> <p><b>Figure 9</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	Dimensions (HxWxD)	14.6 mm x 59.3 mm x 161.39 mm / 0.57" x 2.354" x 6.354"	Power consumption	Powered over USB 5V DC 350mA Typical 500mA Maximum	Weight	60 gr - 0.132 lb
Dimensions (HxWxD)	14.6 mm x 59.3 mm x 161.39 mm / 0.57" x 2.354" x 6.354"						
Power consumption	Powered over USB 5V DC 350mA Typical 500mA Maximum						
Weight	60 gr - 0.132 lb						

# Appendix D


**Products: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>1. [pre] A method for connecting one or more processing devices, each processing device being a user device of one participant in a meeting with a plurality of participants, to a wireless communications network having a base node with one or more first displays, the one or more processing devices each having a memory, a second display and an operating system with at least one pre-installed generic driver providing a generic communications protocol for communication between the processing device and a class of peripheral devices, the method comprising the following steps for each processing device: ...</p>	<p>Clickshare Button provides a process for connecting a processing device (e.g., a laptop computer) to a communications network as set forth in claim 1.</p> <p>Clickshare Button connects the processing device to a communications network.</p> <div data-bbox="739 414 1025 454"> <p><b>What is ClickShare?</b></p> </div> <div data-bbox="739 478 1344 590"> <p>ClickShare is an <u>award-winning wireless meeting room system</u> for easy video conferencing, collaboration and presentation. It connects your laptop to the audio and video equipment of your conference room, so you can start your meeting in under 7 seconds with one click via the ClickShare Button or App.</p> </div> <div data-bbox="739 598 1344 694"> <p>ClickShare comes in three ranges: <u>wireless conferencing</u> solutions for effortless hybrid collaboration, <u>all-in-one video bars</u> for sharp views and clear audio in hybrid meetings, and <u>wireless presentation</u> solutions for content sharing in face-to-face meetings.</p> </div> <div data-bbox="739 790 1187 845"> <p><a href="#">Start a free trial</a> <a href="#">Discover ClickShare Conference</a></p> </div> <div data-bbox="1456 510 1859 734">  </div> <div data-bbox="716 877 851 917"> <p><b>Figure 1'</b></p> </div> <div data-bbox="627 941 1523 989"> <p><a href="https://www.barco.com/en/products/clickshare-conferencing-collaboration">https://www.barco.com/en/products/clickshare-conferencing-collaboration</a></p> </div> <p>Clickshare Button connects the processing device to a wireless communications network shared with one Clickshare Conference, Clickshare Video Bar, or Clickshare Present (“Clickshare Room System”). The Clickshare meeting room system includes a base node with one or more first displays. For example, the Clickshare Conference connects to multiple room devices like a display:</p>

<sup>1</sup> Annotations have been added to various figures in red to specifically identify certain portions of the figure.

US Patent No. US 11,258,676 B2

Products: Barco Clickshare

Claim	Exemplary Evidence of Infringement
	<p>ClickShare Conference enables wireless video conferencing in any meeting space. It automatically connects you to room devices like cameras, mics, speakers, sound bars and displays.</p> <p>Start a meeting from your laptop in seconds, using your preferred video conferencing platform. Make hybrid meetings easy and engaging, with just one click.</p> <p><b>Figure 2</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Processing devices include a memory, a display, an operating system, and pre-installed generic drivers providing a generic communications protocol between the processing device and a class of peripheral devices.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[a] (a) coupling a peripheral device to the processing device, the peripheral device having a wireless transceiver;</p>	<p>Clickshare Button includes a connector configured to connect to a serial plug and play port of a processing device (e.g. a laptop computer):</p>  <p><b>Figure 3</b></p>

US Patent No. US 11,258,676 B2

Products: Barco Clickshare

Claim	Exemplary Evidence of Infringement								
	<p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>The Clickshare Button includes a USB connector and a transceiver capable of wireless transmission:</p> <p><b>General specifications</b></p> <table><tr><td>Connectors</td><td>USB-C type</td></tr><tr><td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr><tr><td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr><tr><td>Frequency band</td><td>2.4 GHZ and 5 GHz</td></tr></table> <p><b>Figure 4</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
Connectors	USB-C type								
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Frequency band	2.4 GHZ and 5 GHz								

US Patent No. US 11,258,676 B2

Products: Barco Clickshare

[b] b) setting up, by means of the pre-installed generic driver of the operating system, a means for communication between the peripheral device and the processing device;

Clickshare Button is configured to set up communications with a processing device using pre-installed generic drivers on the operating system of the processing device.

For example, Clickshare Button presents itself as a mass storage device, a human interface device (HID) or a composite device:

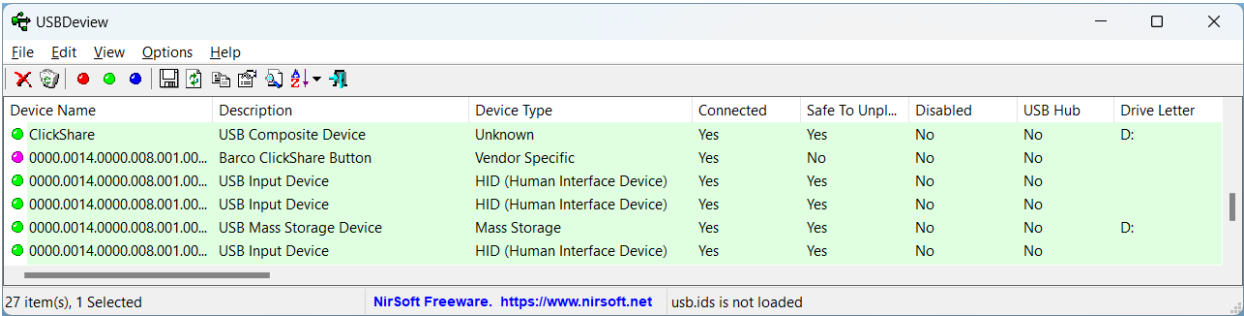
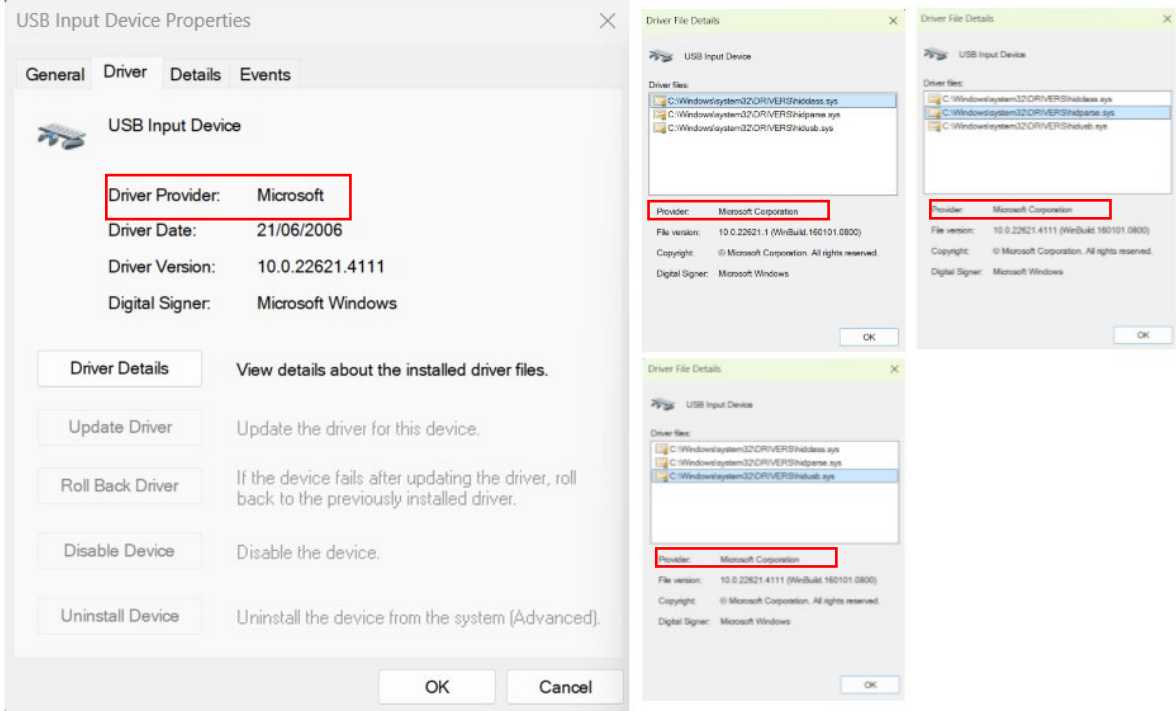


Figure 5

Each of these devices uses preinstalled generic drivers which may be used as a means for communication between the Clickshare Button and the processing device.

US Patent No. US 11,258,676 B2

Products: Barco Clickshare

Claim	Exemplary Evidence of Infringement
	<div data-bbox="739 252 1910 965"><p>The figure consists of three overlapping screenshots of Windows Device Manager driver properties for a 'USB Input Device'. The first screenshot shows the 'Driver' tab with the following information: Driver Provider: Microsoft (highlighted with a red box), Driver Date: 21/06/2006, Driver Version: 10.0.22621.4111, and Digital Signer: Microsoft Windows. Below this are buttons for Driver Details, Update Driver, Roll Back Driver, Disable Device, and Uninstall Device. The second and third screenshots show the 'Driver File Details' tab, which lists driver files and shows the Provider as Microsoft Corporation (highlighted with a red box). The file version is 10.0.22621.1 (WinBulld 160101.0800), and the copyright is © Microsoft Corporation. All rights reserved.</p></div> <p data-bbox="734 979 840 1011"><b>Figure 6</b></p> <p data-bbox="638 1048 1458 1080">Barco reserves its rights to supplement the evidence submitted herein.</p>

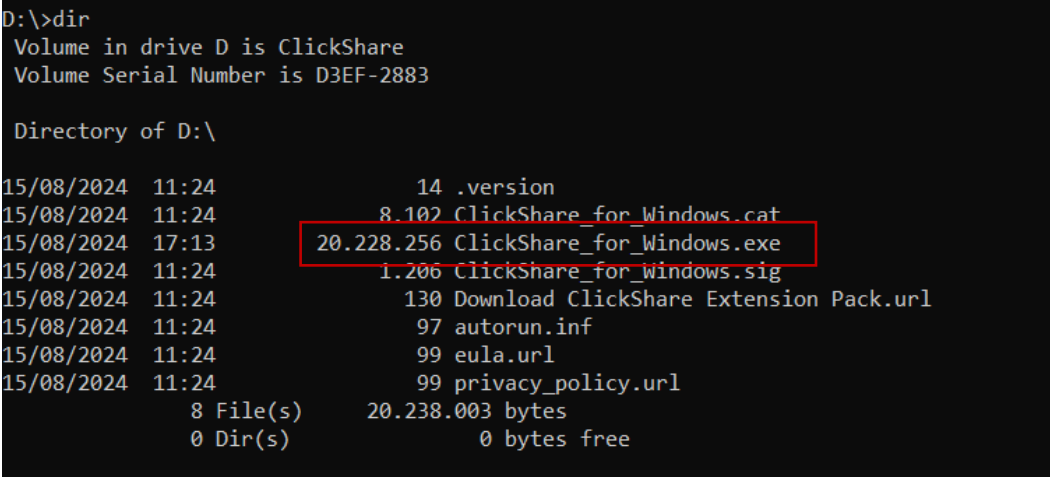
US Patent No. US 11,258,676 B2

**Products: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>[c1] c) coupling the processing device to the wireless communications network via the peripheral device;</p>	<p>Clickshare Button is configured to share data from the processing device to other devices on the communication network. For example, after the Clickshare button is connected to a processing device, it permits data communication.</p> <div data-bbox="743 349 1778 938" data-label="Image"> </div> <p><b>Figure 7</b></p> <p><a href="https://www.youtube.com/watch?v=-TDstArgKJk">https://www.youtube.com/watch?v=-TDstArgKJk</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[c2] running a client application stored on the peripheral device to obtain screen scraped data;</p>	<p>Clickshare Button includes a client application configured to run on the processing device to obtain screen scraped data. For example, Clickshare Button includes an executable program that is available on the Clickshare Button storage drive. See, <a href="https://www.barco.com/en/support/knowledge-base/4381-do-i-need-to-install-any-software-or-an-app-on-my-pc-or-mac-to-use-clickshare">https://www.barco.com/en/support/knowledge-base/4381-do-i-need-to-install-any-software-or-an-app-on-my-pc-or-mac-to-use-clickshare</a>.</p> <p>After running the executable program, the Clickshare Button allows presentation of the screen of the host processing device. See <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>.</p>


US Patent No. US 11,258,676 B2

**Products: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
	<p>As shown below, the executable program is run on the processing device:</p>  <p><b>Figure 8</b></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[d] d) routing the screen scraped data between the processing device and the wireless communications network via the means for communication for display on the one or more first displays of the base node, wherein the generic communication protocol is used for transferring the screen scraped data for display between the processing device and the peripheral device; and</p>	<p>Clickshare Button is configured to route audio data from the Clickshare Button transceiver via the connector and means for audio communication. When Clickshare Button is connected to the processing device, the audio is routed via the means for audio communication to Clickshare Button via the connector.</p> <p>Clickshare Button routes audio data to a Clickshare base node, over the communications network. For example, Clickshare connects to the to the room system without additional configuration:</p>





US Patent No. US 11,258,676 B2

**Products: Barco Clickshare**

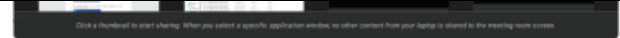


Claim	Exemplary Evidence of Infringement
	 <p><b>Simple and wireless</b> No unruly cables. No more interventions and above all, no hassle.</p> <p><b>Connect in 7 seconds</b> Open your laptop and connect via the Button or App. Your room system starts instantly and your meeting is running in a blink of an eye.</p> <p><b>Zero learning curve</b> ClickShare is self-explanatory and intuitive. No training or manual required.</p> <p><b>Inspire and inform</b> Display your meeting rooms' availability or internal communication updates with digital signage.</p> <p><b>Plug in and go with the ClickShare Button</b> With the ClickShare Button you start your wireless video meeting or share content on the meeting room display. Plug the USB-C device into your laptop and within seconds, you are automatically connected to the meeting room equipment. Even guests can join this way! Or enjoy the full ClickShare experience and get access to advanced benefits with the free Desktop or Mobile Apps.</p> <p><b>Figure 9</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[e] e) obtaining electronic access to one or more first displays for display of the screen scraped data;</p>	<p>Clickshare Button is configured to provide access to one or more first display for display of screen scraped data. (See, <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>).</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[f] the method further comprising: displaying the screen scraped data on the one or more first displays in accordance with a set of rules,</p>	<p>ClickShare Room systems are configured to receive and display screen scraped data from multiple Clickshare Buttons each connected to processing devices based on a set of rules.</p>

US Patent No. US 11,258,676 B2

Products: Barco Clickshare

Claim	Exemplary Evidence of Infringement																																																												
one of the rules being a forcing rule, wherein the forcing rule is that display on the one or more first displays of new screen scraped data is obtained by the action of only one participant involved in the meeting, without requiring the agreement of another participant, the new screen scraped data of any participant for displaying overrides or replaced any data displayed on the one or more first displays from the same or another participant of the meeting.	<p>For example, The ClickShare Conference models CX-30, CX-50, and CS-50 Gen2 support two sources simultaneously displayed on the screen:</p> <div></div> <p>perience in just one click</p> <table><tr><th>Technical specifications</th><th>CX-20</th><th>CX-30</th><th>CX-50</th><th>CX-50 Gen2</th></tr><tr><td>Meeting room type</td><td>Small meeting rooms</td><td>Medium-sized meeting rooms</td><td>Large meeting rooms &amp; boardrooms</td><td>High-impact meeting rooms &amp; boardrooms</td></tr><tr><td>Buttons included</td><td>1</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Sources simultaneously on screen</td><td>1</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Wired video input, 4K content support</td><td>–</td><td>–</td><td>HDMI</td><td>USB-C or HDMI via convertor</td></tr><tr><td>Touch back support</td><td>–</td><td>Yes</td><td>Yes</td><td>Yes</td></tr><tr><td>Interactivity with blackboarding and annotation</td><td>–</td><td>Yes</td><td>Yes</td><td>Yes</td></tr><tr><td>Automatic switch between room system and BYOM</td><td>–</td><td>–</td><td>–</td><td>Yes</td></tr><tr><td>Support for dual screen</td><td>–</td><td>–</td><td>–</td><td>Yes</td></tr><tr><td>Wired roomdock</td><td>–</td><td>–</td><td>–</td><td>Yes</td></tr><tr><td>Advanced network and AV integration</td><td>–</td><td>–</td><td>Yes</td><td>Yes</td></tr><tr><td>Carbon neutral</td><td>–</td><td>–</td><td>–</td><td>Yes</td></tr></table> <p><b>Figure 10</b></p> <p>The Clickshare Button shares content based on a set of rules including a forcing rule. For example, when a second user can replace the current presenters content:</p>	Technical specifications	CX-20	CX-30	CX-50	CX-50 Gen2	Meeting room type	Small meeting rooms	Medium-sized meeting rooms	Large meeting rooms & boardrooms	High-impact meeting rooms & boardrooms	Buttons included	1	2	2	2	Sources simultaneously on screen	1	2	2	2	Wired video input, 4K content support	–	–	HDMI	USB-C or HDMI via convertor	Touch back support	–	Yes	Yes	Yes	Interactivity with blackboarding and annotation	–	Yes	Yes	Yes	Automatic switch between room system and BYOM	–	–	–	Yes	Support for dual screen	–	–	–	Yes	Wired roomdock	–	–	–	Yes	Advanced network and AV integration	–	–	Yes	Yes	Carbon neutral	–	–	–	Yes
Technical specifications	CX-20	CX-30	CX-50	CX-50 Gen2																																																									
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## Products: Barco Clickshare

Claim	Exemplary Evidence of Infringement
	<div data-bbox="840 245 1458 282">  </div> <p data-bbox="840 287 934 308">Image 2-6</p> <ol style="list-style-type: none"> <li data-bbox="801 317 1850 370">5. To remove your content from the display, click the Button again or click on the stop sharing icon (reference 2 on <a href="#">Image 2-6</a>) in the app window.</li> </ol> <div data-bbox="745 422 1064 459"> <p>16 R5900099 /15 CX-20</p> </div> <div data-bbox="728 528 1944 652">  </div> <p data-bbox="840 705 1270 726">The LEDs of the Button become static white.</p> <ol style="list-style-type: none"> <li data-bbox="801 737 1850 790">6. When leaving the meeting room, unplug the Button from your laptop or click on the exit icon on the upper left corner.</li> </ol> <p data-bbox="840 799 1850 852">When there was no installation when starting with the Button, no trace of the ClickShare application is left on your laptop.</p> <div data-bbox="801 852 1870 962" style="border: 2px solid red; padding: 10px;"> <div data-bbox="819 873 887 936">  </div> <p data-bbox="896 884 1682 920">As second user can replace the current presenter with a long press on his Button.</p> </div> <p data-bbox="801 967 1308 1003"><b>Use in a fully equipped conference room</b></p> <p data-bbox="728 1008 857 1045"><b>Figure 11</b></p> <p data-bbox="633 1082 1346 1118"><a href="https://www.barco.com/en/support/docs/r5900099">https://www.barco.com/en/support/docs/r5900099</a> at 16-17.</p> <p data-bbox="633 1176 1458 1212">Barco reserves its rights to supplement the evidence submitted herein.</p>

**Products: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>2. The method of claim 1 further comprising loading a server program onto the base node, the server program receiving screen scraped data from one or a plurality of client processing devices, and displaying the screen scraped data on one or more first displays, the server program allowing display in accordance with one or more rules of which one is a forcing rule, wherein the forcing rule is that the display on the one or more first displays is obtained by the action of only one participant involved in the meeting, without requiring the agreement of another participant, new screen scraped data of any participant for display overrides or replaces any data displayed on the one or more first displays from the same or another participant of the meeting.</p>	<p>The Clickshare system loads a server program configured to receive screen scraped data from one or more processing devices and displaying the screen scraped data on one or more first displays.</p> <p>The Clickshare system is configured to display screen scraped data based on a set of rules. See 1[f] which is incorporated by reference. The server program enables this feature.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

# Appendix E

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>1. [pre] A method for connecting a processing device to a communications network, the processing device having a memory, a display, an operating system and communication between the processing device and a class of peripheral devices, the method comprising:</p>	<p>Clickshare Button provides a process for connecting a processing device (e.g., a laptop computer) to a communications network as set forth in claim 1.</p> <p>Clickshare Button connects the processing device to a communications network.</p> <div data-bbox="739 414 1859 845"> <p><b>What is ClickShare?</b></p> <p>ClickShare is an <u>award-winning wireless meeting room system</u> for easy video conferencing, collaboration and presentation. It connects your laptop to the audio and video equipment of your conference room, so you can start your meeting in under 7 seconds with one click via the ClickShare Button or App.</p> <p>ClickShare comes in three ranges: <u>wireless conferencing</u> solutions for effortless hybrid collaboration, <u>all-in-one video bars</u> for sharp views and clear audio in hybrid meetings, and <u>wireless presentation</u> solutions for content sharing in face-to-face meetings.</p> <p><a href="#">Start a free trial</a> <a href="#">Discover ClickShare Conference</a></p> </div> <p><b>Figure 1'</b></p> <p><a href="https://www.barco.com/en/products/clickshare-conferencing-collaboration">https://www.barco.com/en/products/clickshare-conferencing-collaboration</a></p> <p>Clickshare Button provides network connectivity through a wireless transmission protocol:</p>


<sup>1</sup> Annotations have been added to various figures in red to specifically identify certain portions of the figure.

US Patent No. US 11,403,237 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement										
	<table><tr><td colspan="2"><b>General specifications</b></td></tr><tr><td>Connectors</td><td>USB-C type</td></tr><tr><td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr><tr><td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr><tr><td>Frequency band</td><td>2.4 GHz and 5 GHz</td></tr></table> <p><b>Figure 2</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>The processing device includes a memory, display, and operating systems with pre-installed generic drivers.</p> <p>The processing device communicates with a class of peripheral devices (e.g., USB devices). USB devices are a standard class of peripheral devices that are driven by pre-installed generic drivers. USB provides a generic communication protocol for communication between the processing device and a class of peripherals.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	<b>General specifications</b>		Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHz and 5 GHz
<b>General specifications</b>											
Connectors	USB-C type										
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode										
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac										
Frequency band	2.4 GHz and 5 GHz										

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>[a1] a) coupling an external peripheral device physically to a port of the processing device, the external peripheral device having a transceiver and a connector to couple to the port of the processing device, and</p>	<p>Clickshare Button includes an external peripheral device that is coupled to a port of the processing device. For example, Clickshare Button includes a USB interface which plugs into a laptop:</p>  <p><b>Plug in and go with the ClickShare Button</b></p> <p>With the ClickShare Button you start your wireless video meeting or share content on the meeting room display. Plug the USB-C device into your laptop and within seconds, you are automatically connected to the meeting room equipment. Even guests can join this way!</p> <p><b>Figure 3</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p>

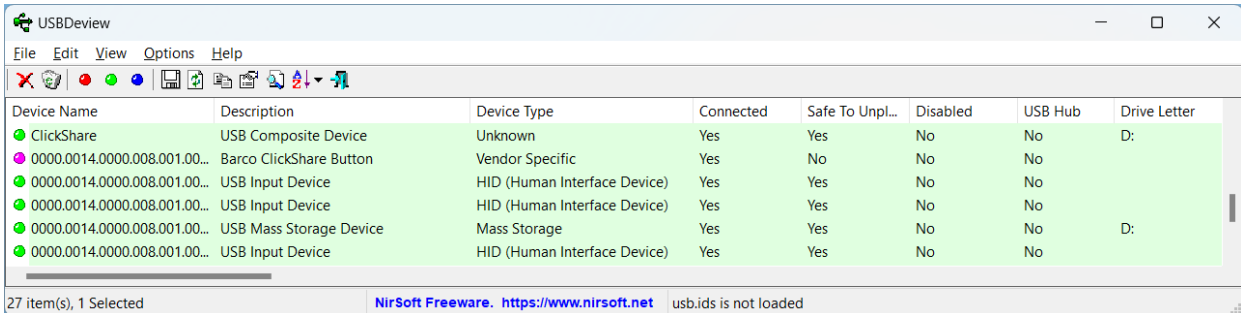
US Patent No. US 11,403,237 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement								
	<p>Clickshare Button includes a wireless transceiver and a connector configured to couple to the port of the processing device:</p> <p><b>General specifications</b></p> <table><tr><td>Connectors</td><td>USB-C type</td></tr><tr><td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr><tr><td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr><tr><td>Frequency band</td><td>2.4 GHZ and 5 GHz</td></tr></table> <p><b>Figure 4</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Clickshare Button includes a wireless transceiver with Wi-Fi (IEEE 802.11 a/b/g/n/ac) capabilities.</p> <p>Clickshare Button includes a connector (e.g., USB interface).</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
Connectors	USB-C type								
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode								
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac								
Frequency band	2.4 GHZ and 5 GHz								

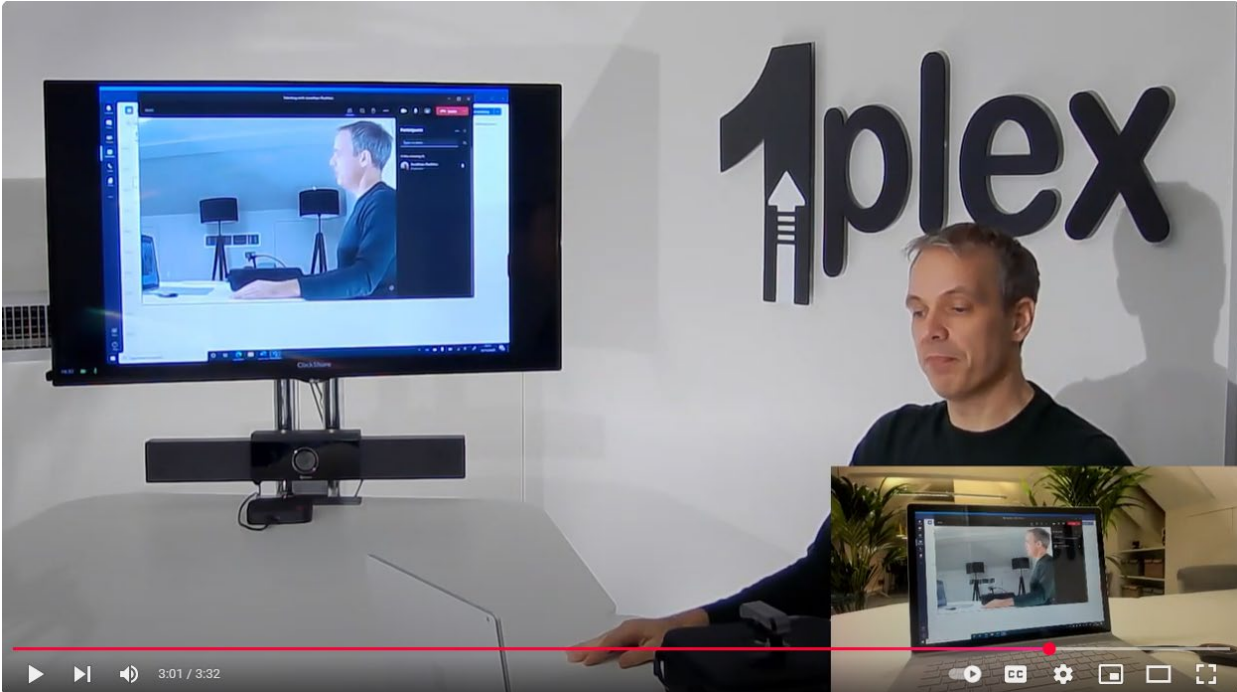
US Patent No. US 11,403,237 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement																																																								
[a2] presenting the external peripheral device to the processing device as a human interface device;	<p>Clickshare Button makes use of multiple devices including human interface devices:</p> <div><table><tr><th>Device Name</th><th>Description</th><th>Device Type</th><th>Connected</th><th>Safe To Unpl...</th><th>Disabled</th><th>USB Hub</th><th>Drive Letter</th></tr><tr><td>ClickShare</td><td>USB Composite Device</td><td>Unknown</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td>D:</td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>Barco ClickShare Button</td><td>Vendor Specific</td><td>Yes</td><td>No</td><td>No</td><td>No</td><td></td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Input Device</td><td>HID (Human Interface Device)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td></td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Input Device</td><td>HID (Human Interface Device)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td></td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Mass Storage Device</td><td>Mass Storage</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td>D:</td></tr><tr><td>0000.0014.0000.008.001.00...</td><td>USB Input Device</td><td>HID (Human Interface Device)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td></td></tr></table></div> <p><b>Figure 5</b></p> <p>So, Clickshare Button presents as a human interface device.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>	Device Name	Description	Device Type	Connected	Safe To Unpl...	Disabled	USB Hub	Drive Letter	ClickShare	USB Composite Device	Unknown	Yes	Yes	No	No	D:	0000.0014.0000.008.001.00...	Barco ClickShare Button	Vendor Specific	Yes	No	No	No		0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No		0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No		0000.0014.0000.008.001.00...	USB Mass Storage Device	Mass Storage	Yes	Yes	No	No	D:	0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No	
Device Name	Description	Device Type	Connected	Safe To Unpl...	Disabled	USB Hub	Drive Letter																																																		
ClickShare	USB Composite Device	Unknown	Yes	Yes	No	No	D:																																																		
0000.0014.0000.008.001.00...	Barco ClickShare Button	Vendor Specific	Yes	No	No	No																																																			
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No																																																			
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No																																																			
0000.0014.0000.008.001.00...	USB Mass Storage Device	Mass Storage	Yes	Yes	No	No	D:																																																		
0000.0014.0000.008.001.00...	USB Input Device	HID (Human Interface Device)	Yes	Yes	No	No																																																			

US Patent No. US 11,403,237 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
<p>[b] b) communicating at least one of audio data and display data from the processing device to the external peripheral device via the human interface device;</p>	<p>Clickshare Button's human interface device is configured to communicate data from the processing device to the Clickshare Button.</p> <p>An example of the data being communicated from the processing device to the Clickshare Button is evidenced by the screen shared data shown here:</p> <div data-bbox="734 450 1966 1145"></div> <p><b>Figure 6</b></p> <p><a href="https://www.youtube.com/watch?v=qQmwrcf56ZE">https://www.youtube.com/watch?v=qQmwrcf56ZE</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>


US Patent No. US 11,403,237 B2

**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
[c], c) reading the audio data from the port,	<p>Clickshare Button reads audio data from the port of the processing device.</p> <p>An example of the audio data being read from the port is shown by the video conferencing meeting identified in Figure 6. <a href="https://www.youtube.com/watch?v=qQmwrcf56ZE">https://www.youtube.com/watch?v=qQmwrcf56ZE</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
d] d) connecting the processing device to a communications network via the transceiver, and	<p>Clickshare Button is configured to connect the processing device to the communications network via the transceiver. For example, the Clickshare Button provides access to meeting room devices without additional configuration through its transceiver, rather than requiring additional cabling:</p> <div data-bbox="900 624 1391 1031" data-label="Image"> </div> <p>With the ClickShare Button you can start your wireless video meeting or share content on the meeting room display. Plug the USB-C device into your laptop and within seconds, you are automatically connected to the meeting room display, camera, microphones, soundbars and any other AV peripheral. No cables, no mess.</p> <p><b>Figure 7</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein</p>

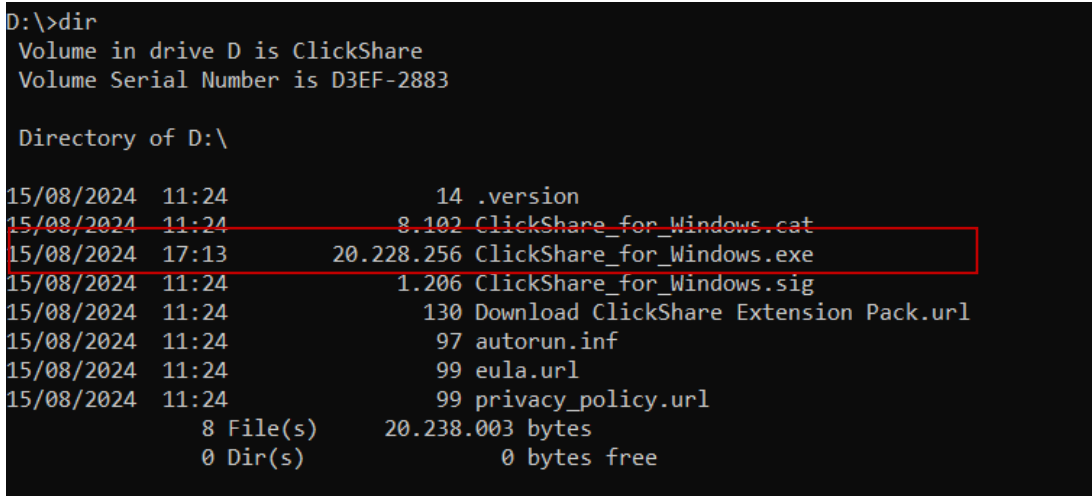
US Patent No. US 11,403,237 B2

Product: Barco Clickshare

Claim	Exemplary Evidence of Infringement
<p>[e] e) display data and audio data being routed between the processing device and the communications network via the transceiver and further to a base node.</p>	<p>Clickshare Button is configured to route data from the Clickshare Button transceiver via the connector to the communications network and to a Clickshare Conference, Clickshare Video Bar, or Clickshare Present (“Clickshare Room System”).</p> <p>Clickshare Button routes data to a Clickshare Room System, over the communications network. For example, Clickshare connects to the to the room system without additional configuration:</p>  <p><b>Figure 8</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

US Patent No. US 11,403,237 B2


**Product: Barco Clickshare**

Claim	Exemplary Evidence of Infringement
<p>4. The method of claim 1, wherein a client application is stored on the external peripheral device which when run on the processing device obtains screen scraped data.</p>	<p>Clickshare Button includes a client application configured to run on the processing device to obtain screen scraped data. For example, Clickshare Button includes an executable program that is available on the Clickshare Button storage drive. See, <a href="https://www.barco.com/en/support/knowledge-base/4381-do-i-need-to-install-any-software-or-an-app-on-my-pc-or-mac-to-use-clickshare">https://www.barco.com/en/support/knowledge-base/4381-do-i-need-to-install-any-software-or-an-app-on-my-pc-or-mac-to-use-clickshare</a>.</p> <p>After running the executable program, the Clickshare Button allows presentation of the screen of the processing device. See <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>.</p> <p>As shown, the executable program is run on the processing device:</p>  <p><b>Figure 9</b></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>

# Appendix F


US Patent No. US 11,422,951 B2

Products: Barco Clickshare

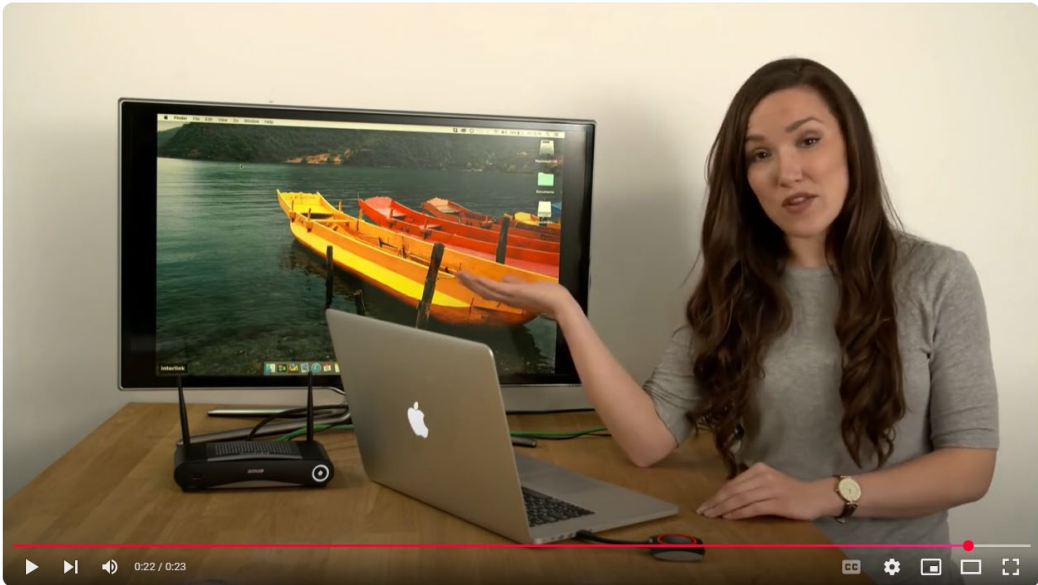
Claim	Exemplary Evidence of Infringement
<p>1. An electronic meeting tool for communicating user selected arbitrary media content from users at a meeting comprising: ...</p>	<p>The Clickshare Button and a Clickshare Conference, Clickshare Video Bar, or Clickshare Present (“Clickshare Room System”) provide an electronic meeting tool for communicating arbitrary media content from users at a meeting:</p> <p><b>What is ClickShare?</b></p> <p>ClickShare is an <u>award-winning wireless meeting room system</u> for easy video conferencing, collaboration and presentation. It connects your laptop to the audio and video equipment of your conference room, so you can start your meeting in under 7 seconds with one click via the ClickShare Button or App.</p> <p>ClickShare comes in three ranges: <u>wireless conferencing</u> solutions for effortless hybrid collaboration, <u>all-in-one video bars</u> for sharp views and clear audio in hybrid meetings, and <u>wireless presentation</u> solutions for content sharing in face-to-face meetings.</p> <p><a href="#">Start a free trial</a> <a href="#">Discover ClickShare Conference</a></p> <p><b>Figure 1'</b></p> <p><a href="https://www.barco.com/en/products/clickshare-conferencing-collaboration">https://www.barco.com/en/products/clickshare-conferencing-collaboration</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p> 
<p>... [a] a base node, the base node being coupled to a first display, ...</p>	<p>A Clickshare Room System includes a base node which couples to one or more first displays. For example, the Clickshare Conference connects to multiple room devices like a display:</p>

<sup>1</sup> Annotations have been added to various figures in red to specifically identify certain portions of the figure.


Claim	Exemplary Evidence of Infringement
	<p>ClickShare Conference enables wireless video conferencing in any meeting space. It automatically connects you to room devices like cameras, mics, speakers, sound bars and displays.</p> <p>Start a meeting from your laptop in seconds, using your preferred video conferencing platform. Make hybrid meetings easy and engaging, with just one click.</p> <p><b>Figure 2</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>... [b] the base node being adapted to receive user selected arbitrary media content from at least one peripheral device via a wireless communications network, ...</p>	<p>The Clickshare Room System is adapted to receive user selected arbitrary media content from at least one peripheral device via a wireless communications network. For example, the Clickshare receives content from a processing device:</p> <p><b>What is ClickShare Present, our wireless presentation solution?</b></p> <p>ClickShare Present enables you to connect any device - laptop, mobile or tablet - and effortlessly share content on the main meeting room screen. A range of interactive features help make your meetings collaborative and interactive. No cables and no hassle for employees or visitors.</p> <p><b>Figure 3</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>The Clickshare Room system receives this content from the Clickshare Button connected to a wireless communications network. For example, the Clickshare Button allows you to wirelessly start a video meeting or share content:</p>

Claim	Exemplary Evidence of Infringement
	 <p><b>Plug in and go with the ClickShare Button</b></p> <p>With the ClickShare Button you start your wireless video meeting or share content on the meeting room display. Plug the USB-C device into your laptop and within seconds, you are automatically connected to the meeting room equipment. Even guests can join this way!</p> <p><b>Figure 4</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>... [c] and [the base node being adapted to] to control display of</p>	<p>The Clickshare Room System is adapted to control the display of the user selected arbitrary media content on the first display.</p>

Claim	Exemplary Evidence of Infringement								
the user selected arbitrary media content on the first display; and	<p>As shown with respect to 1[b], the Clickshare Room System supports wireless presentation.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>								
... [d] the at least one peripheral device being adapted to communicate the user selected arbitrary media content to the wireless communications network; ...	<p>Clickshare Button is adapted to communicate the user selected arbitrary media content to the wireless communications network.</p> <p>Clickshare Button includes a wireless transceiver with IEEE 802.11 a/b/g/n/ac transmission protocol:</p> <div data-bbox="757 539 1052 574"> <p><b>General specifications</b></p> </div> <table data-bbox="757 587 1859 826"> <tr> <td>Connectors</td><td>USB-C type</td></tr> <tr> <td>Authentication protocol</td><td>WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr> <tr> <td>Wireless transmission protocol</td><td>IEEE 802.11 a/b/g/n/ac</td></tr> <tr> <td>Frequency band</td><td>2.4 GHz and 5 GHz</td></tr> </table> <p><b>Figure 5</b></p> <p><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p>Clickshare Button provides arbitrary media content to the wireless communication network. An example use of the Clickshare Button is provided here:</p>	Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHz and 5 GHz
Connectors	USB-C type								
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode								
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Frequency band	2.4 GHz and 5 GHz								

Claim	Exemplary Evidence of Infringement
	 <p><b>Figure 6</b></p> <p><a href="https://www.youtube.com/watch?v=-TDstArgKJk\">https://www.youtube.com/watch?v=-TDstArgKJk\</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>... [e] wherein the at least one peripheral device is a connection unit comprising: ...</p>	<p>Clickshare Button is a connection unit.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>[f] (a) a connector adapted to couple to a port of a user processing device, the user processing device having a second display and a memory, ...</p>	<p>Clickshare Button includes a connector adapted to couple to a port of a user processing device (e.g., a laptop computer).</p>

Claim	Exemplary Evidence of Infringement								
	<div data-bbox="745 228 1001 499" data-label="Image"> </div> <p data-bbox="734 544 842 576"><b>Figure 7</b></p> <p data-bbox="638 612 1382 644"><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p data-bbox="638 681 1335 713">The user processing device includes a memory and display.</p> <p data-bbox="638 750 1458 782">Barco reserves its rights to supplement the evidence submitted herein.</p>								
<p data-bbox="203 818 611 946">[g] (b) a transmitter for transferring user selected arbitrary media content to the wireless communications network, and ...</p>	<p data-bbox="638 818 2033 882">Clickshare Button includes a wireless transceiver with IEEE 802.11 a/b/g/n/ac transmission protocol which can transmit arbitrary media content to the wireless communications network:</p> <div data-bbox="757 919 1052 954"><b>General specifications</b></div> <table border="1" data-bbox="757 970 1861 1193"> <tbody> <tr> <td data-bbox="757 978 1317 1010">Connectors</td><td data-bbox="1339 978 1861 1010">USB-C type</td></tr> <tr> <td data-bbox="757 1034 1317 1066">Authentication protocol</td><td data-bbox="1339 1034 1861 1090">WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode</td></tr> <tr> <td data-bbox="757 1114 1317 1145">Wireless transmission protocol</td><td data-bbox="1339 1114 1861 1145">IEEE 802.11 a/b/g/n/ac</td></tr> <tr> <td data-bbox="757 1169 1317 1201">Frequency band</td><td data-bbox="1339 1169 1861 1201">2.4 GHZ and 5 GHz</td></tr> </tbody> </table> <p data-bbox="734 1198 842 1230"><b>Figure 8</b></p> <p data-bbox="638 1267 1420 1299"><a href="https://www.barco.com/en/product/clickshare-conferencing-button">https://www.barco.com/en/product/clickshare-conferencing-button</a></p> <p data-bbox="638 1335 1458 1367">Barco reserves its rights to supplement the evidence submitted herein.</p>	Connectors	USB-C type	Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode	Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac	Frequency band	2.4 GHZ and 5 GHz
Connectors	USB-C type								
Authentication protocol	WPA2-PSK in stand alone mode WPA2-PSK or IEEE 802.1X in network integration mode								
Wireless transmission protocol	IEEE 802.11 a/b/g/n/ac								
Frequency band	2.4 GHZ and 5 GHz								

Claim	Exemplary Evidence of Infringement
<p>[h] (c) an input device configured to allow the user to carry out a user action on the input device ...</p>	<p>Clickshare Button includes an input device configured to allow a user action:</p>  <p><b>Figure 9</b></p> <p><a href="#">Barco-Clickshare-family-brochure-Love-Meeting-nare6_m.pdf</a></p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>... [i] that triggers transfer of said user selected arbitrary media content from the transmitter to the wireless communications network and to the base node through the wireless communications network for display on the first display, ...</p>	<p>Clickshare Button includes an input device in the form of a physical actuator that allows the user to carry out a user action.</p> <p>For example, pressing a button allows communication of data for presentation of a processing device's screen: <a href="https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage">https://www.barco.com/en/support/knowledge-base/2898-clickshare-button-sharing-usage</a>.</p> <p>Barco reserves its rights to supplement the evidence submitted herein.</p>
<p>... [j] the input device being a physical actuator coupled to the at least one peripheral device.</p>	<p>Clickshare Button includes an input device being a physical actuator coupled to the Clickshare Button. As shown in 1[h], Clickshare Button's input device is a button. A button is a physical actuator.</p> <p>Barco reserves its rights to supplement the evidence submitted herein</p>